Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

DATASHEET
FUJITSU LIFEBOOK NH570 NOTEBOOK

MOBILE CINEMA IN STYLE

LIFEBOOK NH570
The LIFEBOOK NH570 notebook is a mobile cinema that enables users to experience their films, photos, social networking and games in stunning quality on a brilliant widescreen 46.7cm (18.4-inch) display, whenever and wherever they want. The solid design and the spill-resistant keyboard provide extra reliability, while the high-gloss black finish and slim profile make the notebook a real head-turner.

PROCESSOR TECHNOLOGY
New Intel® Core™ processors and latest Intel® mobile platform.
- Experience the smart family of Intel® Core™ processors that deliver performance that adapts to your needs, making laptops faster and more responsive

APPEALING DESIGN
High-gloss material finish and slim profile make the notebook a real head-turner.
- Chrome highlights, glossy black cover, slim design

MULTIMEDIA AND ENTERTAINMENT
Enjoy high-definition home entertainment on the big 46.7 cm (18.4-inch) widescreen display.
- BrilliantView display technology for pin-sharp picture quality, 16:9 widescreen format to watch DVDs in their native resolution and optionally an integrated Blu-ray Disc™ drive

USABILITY AND COMFORT
LIFEBOOK NH570 offers comfortable working conditions.
- 1.3 megapixel webcam and integrated digital microphone; full size keyboard plus extra number block and extra large touchpad with gesture functionality (Chiral motion function, Momentum motion function, Pinch zoom function, Flick function); option for a second hard disk drive (only for models with dedicated graphics card)

RELIABLILITY AND SECURITY
Protect your most valuable data like pictures, videos and more.
- Spill-resistant keyboard to protect your notebook against accidentally spilt liquids; fingerprint sensor (only for models with dedicated graphics card); Computrace® enabled BIOS and Advanced Theft Protection (ATP)

Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

COMPONENTS

PROCESSOR	Intel® Core™ i7-640M processor (2.80 GHz, 4 MB)	
	Intel® Core™ i5-460M processor (2.53 GHz, 3 MB)	
	Intel® Core™ i5-450M processor (2.40 GHz, 3 MB) *	
	Intel® Core™ i3-370M processor (2.40 GHz, 3 MB)	
	Intel® Core™ i3-350M processor (2.26 GHz, 3 MB) *	
	Intel® Core™ i7-620M processor (2.66 GHz, 4 MB)	
	Intel® Pentium® processor P6100 (2.00 GHz, 3 MB)	
	Intel® Pentium® processor P6000 (1.86 GHz, 3 MB)	
PROCESSOR NOTES	*Processor only for retail, SMB, education and government	
OPERATING SYSTEM		
Operating system optional preinstalled	Genuine Windows® 7 Professional Genuine Windows® 7 Home Premium	
Operating system notes	Dependent on configuration Windows 7® versions are: Microsoft Office 2007 ready Microsoft Office 2010 preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite.	
MEMORY MODULES	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM	
	4 GB (1 module(s) 4 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM	
Supported capacity RAM (min.)	2 GB	
Supported capacity RAM (max.)	8 GB	
Memory slots total	2	
Memory slot type	SO DIMM (DDR3, 1066 MHz)	
HARD DISK DRIVES (INTERNAL)	SATA, 5400 rpm, 640 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 5400 rpm, 500 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 5400 rpm, 160 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 5400 rpm, 1.28 TB (2 x 640 GB), 2.5-inch, S.M.A.R.T.	
	SATA, 5400 rpm, 1 TB (2 x 500 GB), 2.5-inch, S.M.A.R.T.	
Hard disk notes	Option of a second hard disk drive (2 x 640 GB or 2 x 500 GB) is only for models with dedicated graphics. Hard disk capacity depends on exact configuration. Please check at your local retailer.	
WIRELESS TECHNOLOGIES		
Bluetooth	Integrated v2.1 + EDR (Enhanced Data Rate) (Optional)	Integrated v2.1 + EDR (Enhanced Data Rate)
Integrated WLAN	Atheros HB97 (IEEE 802.11b/g/n)	
WLAN encryption	WEP, WPA, WPA2	
WLAN max. data rate	up to 300 Mbit/s	
WLAN notes	Import and usage according to country-specific regulations.	
OPTICAL DRIVE OPTIONS	Blu-ray Disc™ Combo Drive	
	Blu-ray Disc™ Triple Writer	
	DVD Super Multi	
Base unit	LIFEBOOK NH570 (integrated graphics)	LIFEBOOK NH570 (dedicated graphics)
GENERAL SYSTEM INFORMATION		
Chipset	Intel® HM55	
DISPLAY		
Display	46.7 cm (18.4-inch), TFT, (HD+), glossy, 1680 x 945 pixel	
Aspect ratio	16:9	

Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

GRAPHICS		
TFT resolution (VGA)	up to 1920 x 1200	up to 1920 x 1200
Max. resolution external display	up to 1920 x 1200	up to 1920 x 1200
Graphics brand name	Intel® HD Graphics	NVIDIA® GeForce® GT 330M
Graphics features	DirectX® 10 support	DirectX® 10 support
Graphics notes	With 64-bit Windows® 7 operating systems, shared video memory sizes are as follows: - 2048 MB system memory enables up to 729 MB static and shared memory - 4096 MB system memory enables up to 1695 MB static and shared memory - 8192 MB system memory enables up to 1695 MB static and shared memory	
Dedicated video memory		1 GB
Shared video memory	up to 1695 MB	
INTERFACES		
Memory card slots	1 (supported formats: SD, SDHC, MS, MMC)	1 (supported formats: SD, SDHC, MS, MMC)
ExpressCard slots	1 (34/54 mm)	1 (34/54 mm)
eSATA	1	1
USB 2.0 total	3	3
FireWire (IEEE1394)	1	1
VGA	1	1
HDMI	1	1
Ethernet (RJ-45)	1	1
DC-in	1	1
Audio: headphone out	1	
Audio: microphone	1	1
Audio: headphone out / SPDIF		1
Audio: line-in	1	1
Internal microphones	1 (digital)	1 (digital)
Kensington Lock support	1	1
WIRED COMMUNICATION		
LAN	10/100/1000 MBit/s	
KEYBOARD AND POINTING DEVICES		
	Spill-resistant keyboard with number block	
	Number of keyboard keys: 106, Keyboard pitch: 19.05 mm, Keyboard stroke: 2.5 mm	
	Multi gesture touchpad with two mouse buttons and one scroll button Status LED	Multi gesture touchpad with two mouse buttons and fingerprint sensor Status LED
MULTIMEDIA		
Audio type	On board	
Audio features	Support of high-definition audio, 2x built-in speakers (stereo), Built-in digital microphone, Sound volume control via function key	
Camera	Built-in webcam, 1.3 megapixel	
POWER SUPPLY		
AC adapter	19 V / 80 W (4.22 A)	19 V / 100 W (5.27 A)
Rated voltage range	100 - 240 V (AC Input)	
Rated frequency range	50 - 60 Hz	
1st battery	Li-Ion battery 6-cell, 5200 mAh, 56 Wh	Li-Ion battery 8-cell, 5200 mAh, 75 Wh
Benchmark	Mobile Mark 2007 (readers mode – e.g. surfing the internet, writing E-mails, viewing documents)	
Runtime 1st battery	Up to 3:30 h	
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook.	

POWER CONSUMPTION		
Power consumption note	See white paper Energy Consumption	
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=6128e0b1-3a62-49dc-a84f-5b868010ee63	
DIMENSIONS / WEIGHT / ENVIRONMENTAL		
Dimensions (W x D x H)	437 x 286 x 30.1 mm (front) / 40.4 mm (back) mm	
Weight	Approx. 3.5 kg	Approx. 3.6 kg
Weight notes	Weight may vary depending on actual configuration (including battery pack)	
ADDITIONAL SOFTWARE		
Additional software (preinstalled)	Adobe Acrobat Reader CyberLink YouCam Microsoft® Office Ready (60-day trial version for Microsoft® Office Professional software package, only with Windows® 7 operating system) Norton Internet Security (incl. Firewall) 90 days version	
Additional software (optional)	Drivers & Utilities DVD (DUDVD) Recovery DVD for Windows®	Blu-ray playback software Drivers & Utilities DVD (DUDVD) Fingerprint software Recovery DVD for Windows®
Manageability features		
Manageability link		
SECURITY		
Physical security	Kensington Lock support	
User security	User and supervisor BIOS password	User and supervisor BIOS password Optional: Integrated Fingerprint Sensor
COMPLIANCE		
Europe	CE Marking R&TTE (WLAN, Bluetooth®)	
Global	ENERGY STAR® 5.0 RoHS (Restriction of hazardous substances) EPEAT® Silver	
Russia	GOST	
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx	
WARRANTY		
Standard Warranty	1 year / 2 years (depending on country)	
Service level	Collect & Return Service / Bring-in Service (depending on county specific requirements)	
MAINTENANCE AND SUPPORT SERVICES - THE PERFECT EXTENSION		
Recommended Service	3 years, Collect & Return Service	
Spare Parts availability	3 years	
Service Weblink	http://ts.fujitsu.com/Supportservice	

RECOMMENDED ACCESSORIES

HS7100U Dolby Headphone

Our outstanding Dolby Headphone HS7100U equipped with the latest Dolby decoding & Virtual 7.1 Channel Surround Technology, enables all the gamers to detect the enemy's moves and dodge the bullets from all directions!

Order Code:
S26391-F7139-L1

Slim Mobile Express DVB-T

Receiving digital TV wherever you want: with the new Slim Mobile Express DVB-T. Once you plug in this unique “Plug & Forget” ExpressCard 34 mm tuner; then, you need not to remove it from the slot again! You could also travel up to 140 km/h without any comprise of TV signal quality.

Order Code:
S26391-F7125-L2

SOUNDSYSTEM DS S2100

Taking its inspiration from gardens and flower vases, the new DS S2100 presents you with an avant-garde art piece for the best acoustic enjoyment. The satellites are decorated with a deluxe piano finish and an elegant print of the Fujitsu infinity logo on the top - a final touch, completing this fantastic artwork.

Order Code:
S26391-F7128-L400

Air Command Plus

Can’t get away from the game playing with the latest LIFEBOOK notebook or CELSIUS Gaming Working Station? Air Command Plus is the best companion for PC and notebook, optimized for all the sports games. The best has yet to come: Air Command Plus also supports the latest games on the market.

Order Code:
S26391-F7111-L200

Backpack A18

This stylish backpack with optimized design to carry big notebooks. One compartment for notebook and additional space for documents; in the front two compartment, the top one for mobile, pen or keys, the lower one for AC adapter and cable.

Order Code:
S26391-F119-L162

Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu LIFEBOOK NH570, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure-as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

MORE INFORMATION

Learn more about Fujitsu LIFEBOOK NH570, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. http://ts.fujitsu.com/mobile

FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

COPYRIGHTS

All rights reserved, including intellectual property rights. Technical data subject to modifications and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.
Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions

DISCLAIMER

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner

CONTACT

FUJITSU Technology Solutions
Website: http://ts.fujitsu.com
2010-10-04 CE-EN